

# GF-PRO-500-0999 Generator



Output Prime kVA	500
Output Prime kW	400
Enclosure Type	Rental
Fuel Capacity (L)	965
Fuel Cons L/hr 100% Prime	110.2
Run HRs 100% Prime	8.8
Fuel Cons. @ 75% Load (L/Hr)	86.8
Fuel Cons. 50% Load (L/Hr)	62.0
Bunded	Yes

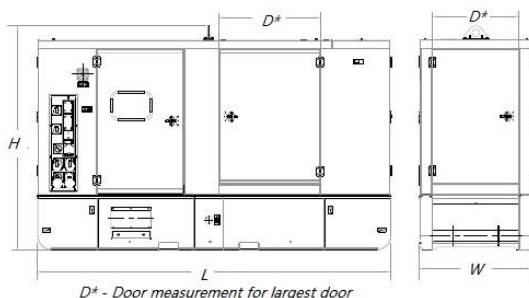
## Generator Configuration

Voltage	415
Control Panel	DSE7310
Base Tank Type	Bunded
Circuit Breaker	4 Pole
Mains Charger	Yes
Lifting Frame	Yes
Forklift Pocket Skid	Yes
Water Jacket Heater	No

## Alternator Data

Alternator Brand	LeRoy Somer
Alternator Model	LL6114F
Prime Amps per $\phi$	696
AVR Model	R250
Volt Reg	+/- 0.5%
Insulation Class	H
Winding Pitch	2/3
Excitation	Shunt
Frequency (Hz)	50

LENGTH	5100mm	WIDTH	1920mm
HEIGHT	2300mm	DOOR	1165mm
WEIGHT	6800kg		



## Engine Data

Engine Brand	Perkins
Engine Model	2506D-E15TAG2
Number of Cylinders	6 - In Line
Governor	Electronic
Induction	Turbocharged
Compression ratio	16.8:1
Displacement	15.20
Alternator Charge Amp	70
Filter Type (Fuel)	Replaceable Element
Fuel Class	A2 Diesel
Air Filter Type	Replaceable Element
Oil Filter Type	Spin On Full Flow
Total Oil Capacity	53.00
Oil Type	API CH4 15W-40

## Prime Rating

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

## Standard Reference Conditions

Note: Standard reference conditions 25°C Air Inlet Temp, 100m MASL, 30% Relative Humidity, dB(A) are free field.

Mains Failure Transfer Panel (Option)	AT1800
Noise (dBA) @ 1m 100% Load	81
Noise (dBA) @ 1m 75% Load	79
Noise (dBA) @ 7m 100% Load	79
Noise (dBA) @ 7m 75% Load	67

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